ABSTRACT OF THE DISCLOSURE

An apparatus for retaining and protecting spliced optical fibers. Optical fibers forming an extensive network, extending a great distance, are spliced together to provide the communication medium for the network. The apparatus includes a joint box for protecting the splices. Within the joint box is at least one arcuate-shaped splice retainer. The retainer secures the splices in a static position to prevent them from being damaged. Also, the retainer may include more than one arcuate layers for storing the splices. The arcuate layers organize the splices, so they are readily identifiable and accessible. In addition, the arcuate layers make efficient use of the limited space available for storing the splices. The joint box includes a center shelf longitudinally dividing the joint box into two compartments. To accommodate more splices, an arcuate retainer may be provided in each compartment by mounting an arcuate retainer on each side of the shelf.